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Leah M. Reeves

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Military operations and friendly fire mishaps over the last decade have demonstrated that Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems may often lack the ability to efficiently and effectively support operations in complex, time critical environments. With the vast increase in the amount and type of information available, the challenge to today's military system designers is to create interfaces that allow warfighters to proficien ...

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2 The KIM query system: an iconic interface for the unified access to distributed multimedia databases

Fabrizio Massimo Ferrara

July 1994 **ACM SIGCHI Bulletin**, Volume 26 Issue 3

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In this paper we present the iconic query system of the KIM environment, providing the user with a homogeneous access to distributed, heterogeneous and multimedia databases through a modality independent of the specific underlying environments (i.e. DBMS and physical installations).A prototype of this system is being designed and implemented by a European Consortium under the KIM project, within the European ESPRIT programme. The characteristics of the query system have been identified on the ba ...

3 Doctoral spotlight session: Multimodal response generation in GIS

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Advances in computer hardware and software technologies have enabled sophisticated information visualization techniques as well as new interaction opportunities to be introduced in the development of GIS (Geographical Information Systems) applications. Especially, research efforts in computer vision and natural language processing have enabled users to

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